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SUBSTITUTE FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
11283-020US1

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If Known, see 37 CFR 1.5)

10/089212

INTERNATIONAL APPLICATION NO.
PCT/JP00/01969INTERNATIONAL FILING DATE
29 March 2000PRIORITY DATE CLAIMED
October 8, 1999

TITLE OF INVENTION

MODULATE APTAMER AND METHOD OF DETECTING TARGET PROTEIN BY USING THE SAME

APPLICANT(S) FOR DO/EO/US

Penmetcha Kumar and Rika Yamamoto

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
4. ☐ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 16 below concern other documents or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☐ Other items or information:
 - ☒ International Search Report
 - ☒ WO 01/27263
 - ☒ PH-933-PCT
 - ☒ Form PCT/IPEA/416
 - ☒ PCT/IB/308 and PCT/IPEA/409

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EF01506339W

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, DC 20231.

March 26-02
Date of Deposit

Francis Rose
Signature

Francis Rose
Typed Name of
Person Signing

U.S. APPLICATION NO. (IF KNOWN)

10/089212

INTERNATIONAL APPLICATION NO.
PCT/JP00/01969ATTORNEY'S DOCKET NUMBER
11283-020US117. ☐ The following fees are submitted:**Basic National Fee (37 CFR 1.492(a)(1)-(5)):**

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO **\$1040**

International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO **\$890**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but
international search fee (37 CFR 1.445(a)(2)) paid to USPTO **\$740**

International preliminary examination fee paid to USPTO (37 CFR 1.482)
but all claims did not satisfy provisions of PCT Article 33(1)-(4) **\$710**

International preliminary examination fee paid to USPTO (37 CFR 1.482)
and all claims satisfied provisions of PCT Article 33(1)-(4) **\$100**

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$890.00

Surcharge of **\$130** for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$0.00

Claims	Number Filed	Number Extra	Rate		
Total Claims	23 - 20 =	3	x \$18	\$54.00	
Independent Claims	1 - 3 =	0	x \$84	\$0.00	
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$280	\$280.00	

TOTAL OF ABOVE CALCULATIONS =

\$1,224.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are
reduced by 1/2.

\$0.00

SUBTOTAL =

\$1,224.00

Processing fee of **\$130** for furnishing the English Translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$0.00

TOTAL NATIONAL FEE =

\$0.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property +

\$40.00

TOTAL FEES ENCLOSED =

\$1,264.00

Amount to be
refunded: \$

Charged: \$

- a. ☒ A check in the amount of \$1,264.00 to cover the above fees is enclosed.
b. ☐ Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate
copy of this sheet is enclosed.
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive
(37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Chris T. Mizumoto
FISH & RICHARDSON P.C.
45 Rockefeller Plaza, Suite 2800
New York, New York 10111
(212) 765-5070 phone
(212) 258-2291 facsimile

SIGNATURE:

Chris T. Mizumoto

NAME

42,899

REGISTRATION NUMBER

PATENT APPLICATION SERIAL NO. 10 / 089212

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

04/09/2002 MNGUYEN 00000140 10089212

01 FC:970	890.00 OP
02 FC:966	54.00 OP
03 FC:968	280.00 OP

05/24/2002 SAHMEI 00000001 10089212

Adjustment date: 05/24/2002 SAHMEI
04/09/2002 MNGUYEN 00000140 10089212 18.00 OP
02 FC:966 -54.00 OP

Repln. Ref: 05/24/2002 SAHMEI 0016463300
DAN:061050 Name/Number:10089212
FC: 704 \$36.00 CR